

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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LIQUID RENOVATE

Revision 0
Revision date 2011-06-16

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name LIQUID RENOVATE

1.3. Details of the supplier of the safety data sheet

Company Chemisphere UK Ltd
Address Unit 4
No 3 Richmond Road
Trafford Park
Manchester
M17 1RE
UK

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC C; R35
Symbols: C: Corrosive.
Main hazards Causes severe burns.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Potassium Hydroxide	019-002-00-8	1310-58-3	215-181-3		1 - 10%	Xn; R22 C; R35
Tetrapotassium Pyrophosphate		7320-34-5	230-785-7		1 - 10%	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move the exposed person to fresh air. Keep the affected person warm and at rest. Seek medical attention if irritation or symptoms persist.

Eye contact Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. Transfer to hospital for specialist examination.

Skin contact Remove contaminated clothing. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.

Ingestion Do NOT induce vomiting. Drink 1 to 2 glasses of water. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation May cause irritation to respiratory system.
Eye contact Risk of serious damage to eyes.

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4.2. Most important symptoms and effects, both acute and delayed

Skin contact	Causes severe burns.
Ingestion	Ingestion causes burns to the respiratory tract.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	Wear self contained breathing apparatus and protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Wear suitable gloves and eye/face protection. Evacuate the area immediately.
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6.2. Environmental precautions

	For large spills:. Do not allow product to enter drains. For small spills:. Flush down the drain with plenty of water.
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6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Wear suitable gloves and eye/face protection. Adopt best Manual Handling considerations when handling, carrying and dispensing. Handle and open container with care. Ensure adequate ventilation of the working area. Do NOT mix with any other product.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep locked up and out of the reach of children. Keep container tightly closed in a cool place. Keep only in original container.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Potassium Hydroxide	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: 2

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
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8.2.2. Individual protection measures	Wear suitable gloves and eye/face protection.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

